

Review Form 1.7

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_113841
Title of the Manuscript:	Spatial Regression Modelling of Child Survival on the Distribution of Births and Deaths in Kenya based on the Kenya Demographic and Health Survey (KDHS) 2022
Type of the Article	

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, the approach and application are very interesting, but should include the followings in the keywords and explain them alongside with the others because they are the main concept of the research (i) Child mortality (ii) Spatial autocorrelation.</p> <p>Yes, the title is quite suitable.</p> <p>Yes, but should reflect the 4 major predictors as asserted (independent variables) in the model equation. One predictor was omitted from the abstract while another was included.</p> <p>Yes. The discussion should be expanded to include how the predictors can impact on the child survival rate in real life. Cross check Map1(Prevalence of under FIVE Mortality).</p> <p>Yes, it is.</p> <p>Referencing not orderly arranged, not sufficient but current. I suggest at least five more citations.</p> <p>The introduction should be strengthened to include what child survival is and reason(s) for survival, what spatial regression modelling is and why it is an option for the research. There is need to explain the difference or relationship between spatial mapping and spatial regression or are they synonymous? How did you fix the spatial autocorrelation that was revealed by the spatial analysis from your conclusion, or it was neglected?</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Very impressive.</p>	
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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